

Claims:

1. A method for controlling routing information for intellectual peripherals (IPs) in a subscriber-based ring-back-tone service, the routing information being controlled by a home location register (HLR) while the subscriber-based ring-back-tone service is processed using a terminating mobile switching center, comprising the steps of:

(a) classifying the routing information to be routed to the IPs corresponding to subscribers on a subscriber telephone number-by-number basis, a subscriber telephone office number-by-number basis, a subscriber telephone office number group-by-group basis or a subscriber's major activity area-by-area basis in response to a selection, and setting and registering the classified routing information in the HLR; and

(b) when the HLR receives a location registration request message from a terminal of an arbitrary subscriber, allowing the HLR to contain, within a response message to the location registration request message, a corresponding routing information item to be routed to an IP corresponding to the subscriber's terminal among the classified, set and registered routing information and to provide the response message to a corresponding mobile switching center.

2. A method for controlling routing information for intellectual peripherals (IPs) in a subscriber-based ring-back-tone service, the routing information being controlled by a home location register (HLR) while the subscriber-based ring-back-tone service is processed using an originating mobile switching center, comprising the steps of:

(a) classifying the routing information to be routed to the IPs corresponding to subscribers on a subscriber telephone number-by-number basis, a subscriber telephone office number-by-number basis, a subscriber telephone office number group-by-group basis or a subscriber's major activity area-by-area basis in response to a selection, and setting and registering the classified routing information in the HLR; and

(b) when the HLR receives a destination location information request message from the originating mobile switching center according to a call connection request from a calling terminal to a called terminal, allowing the HLR to contain, within a response message to the destination location information request message, a corresponding routing information item to be routed to an IP corresponding to the subscriber's called terminal among the classified, set and registered routing

information and to provide the response message to the originating mobile switching center.

3. The method as set forth in claim 1, wherein a large number of IPs are configured so that sounds for subscribers associated with the routing information classified on the subscriber telephone number-by-number basis, the subscriber telephone office number-by-number basis, the  
5 subscriber telephone office number group-by-group basis or the subscriber's major activity area-by-area basis can be distributed.

4. The method as set forth in claim 2, wherein a large number of IPs are configured so  
10 that sounds for subscribers associated with the routing information classified on the subscriber telephone number-by-number basis, the subscriber telephone office number-by-number basis, the subscriber telephone office number group-by-group basis or the subscriber's major activity area-by-area basis can be distributed.